

A PROCESS FOR THE PRODUCTION OF RIGID FOAMS CONTAINING  
URETHANE GROUPS AND PREDOMINANTLY ISOCYANURATE GROUPS

A b s t r a c t

Rigid foams containing urethane groups and predominantly isocyanurate groups are obtained by reaction of

- 1) polyisocyanates with
- 2) compounds containing at least two isocyanate-reactive hydrogen atoms and having a molecular weight of 400 to 10,000 in the presence of
- 3) organic blowing agents and
- 4) flameproofing agents and
- 5) compounds containing at least two isocyanate-reactive hydrogen atoms and having a molecular weight of 32 to 399 as crosslinking agent and optionally in the presence of
- 6) auxiliaries and additives known per se,

using a process in which component 2) has branched chains; component 2), the flameproofing agent 4) and the crosslinking component 5) are used as a formulation in which

component 2) is present in a quantity of 30 to 90 parts by weight,

component 4) is present in a quantity of 10 to 60 parts by weight and

component 5) is present in a quantity of 10 to 20 parts by weight,

the parts by weight of these components adding up to 100, and the reaction is carried out in an index range of 200 to 600.